

**Allowance**

**REMARKS**

The response to the Office action dated 04/09/08 filed by Applicant has been acknowledged. Claims 15-21 and 23-25 are currently pending.

The terminal disclaimer filed by Applicant on 04/09/08 has been acknowledged. Consequently, the double patenting rejections cited in the previous Office action have been withdrawn.

The claim objection cited in the previous Office action has been withdrawn in light of the cancellation of claim 22.

Applicant's arguments with respect to the art rejection have been fully considered and they are persuasive. Therefore, the rejection has been withdrawn.

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wesley Whitmyer, Jr. on 17 July 2008.

The application has been amended as follows:

On page 1 of the Specification:

Cross-Reference to Related Applications

This application is a continuation of U.S. Patent Application No. 10/079,712, filed February 20, 2002, ~~currently pending~~ **now US 6,645,773.**

***Allowable Subject Matter***

Claims 15-21 and 23-35 are allowed.

The following is an examiner's statement of reasons for allowance:

Leenders et al. (US 4,670,400) disclose a method for analyzing the headspace of a solution inside a sealed reactor. The method comprises the steps of mixing a monomer with a reference compound to create a solution, allowing the solution to equilibrate, and taking chromatographic readings of the vapor to determine the relative amount of the monomer in the vapor phase (i.e. partial pressure). The determination is made by measuring the ratio of the peak areas corresponding to the monomer and the reference compound. However, the reference does not disclose that the solution is saturated or the step of calculating temperature based on the chromatographic measurements, and the reference does not provide any motivation to make the solution saturated or calculate temperature based on the chromatographic readings. In fact, the reference discloses the use of a temperature probe to monitor the temperature inside the sealed reactor, which obviates the need to independently calculate temperature. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAUL S. HYUN whose telephone number is (571)272-8559. The examiner can normally be reached on Monday-Friday 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill Warden can be reached on (571)-272-1267. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yelena G. Gakh/  
Primary Examiner, Art Unit 1797

/Paul S Hyun/  
Examiner, Art Unit 1797